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Warren R. Luckner
MA-Mathematics, Fellow, Society of Actuaries
David P. Hayes Memorial Chair in Actuarial Science
Director of Actuarial Science Program
Professor of Practice
5-Year Term Appointment (reappointed beginning August 2008)
Finance Department, College of Business Administration
Joined CBA Faculty August 2003

PERSONAL DATA

HOME ADDRESS

7029 Woody Creek Circle
Lincoln, Nebraska 68516

OFFICE ADDRESS

University of Nebraska-Lincoln
CBA 244
Lincoln, Nebraska 68588-0490

Date of Birth: December 2, 1946

EDUCATION

Academic

<u>Degree</u>	<u>Year</u>	<u>Institution</u>
B.A. (Mathematics)	1968	Luther College; Decorah, Iowa
M.A. (Mathematics)	1970	University of Maryland, College Park
M.A. (Elementary Ed. - Teacher Corps)	1972	University of Kentucky, Lexington

Professional

<u>Designation</u>	<u>Year</u>	<u>Organization</u>
Fellow (F.S.A.)	1976	Society of Actuaries
Chartered Financial Analyst (C.F.A.)	1995	CFA Institute (formerly AIMR)

COLLEGE AND UNIVERSITY POSITIONS

12/2008-present	Professor of Practice, University of Nebraska-Lincoln.
3/2005-present	David P. Hayes Memorial Chair in Actuarial Science, University of Nebraska-Lincoln.
8/2003-present	Director of Actuarial Science Program, University of Nebraska-Lincoln.
5/2002-5/2003	Associate Professor of Mathematics and Director of Actuarial Studies, Benedictine University, Lisle, Illinois.
8/2001-5/2002	Instructor of Mathematics, Benedictine University.
1/2001-5/2001	Lecturer in Actuarial Science, University of Iowa, Iowa City, Iowa.
1979-1986	Assistant Professor and Director of Actuarial Science, University of Nebraska-Lincoln.
1977-1979	Assistant Professor, University of Nebraska-Lincoln.

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HONORS AND AWARDS

Bereuter Distinguished Teaching Award, spring 1982.

Analysis of Premiums, second place paper in Society of Actuaries contest for applications of new text, Actuarial Mathematics, spring 1985 (published in *ARCH*, 1987, Vol. 1, pp. 51-62).

UNL Senior Honorary, Society of Innocents, Spring 1985.

Outstanding Volunteer Recognition Award, Society of Actuaries Finance Practice Area, 2002.

Luther College Alumni Distinguished Service Award, October 2003.

UNL Alpha Tau Chapter of Beta Theta Pi, Award for Excellence in Education at the University of Nebraska-Lincoln, April 2004.

UNL Parents Association Certificate of Recognition for Contributions to Students: January 2005, January 2006, January 2007, January 2008, January 2009, January 2010, January 2011, February 2012

UNL College of Business Administration 2006-2007 Excellence in Teaching Award for non-tenure track faculty

UNL Kappa Alpha Theta, Nominated as an Outstanding Professor at the University of Nebraska, May, 2008

UNL College of Business Administration 2008-2009 Excellence in Teaching Award for non-tenure track faculty

UNL 2010 Student Foundation Builders Award for Outstanding Academic Advising.

CBA Student Advisory Board nomination as exceptional professor - November 2010, and November 2011

UNL College of Business Administration 2010-2011 Distinguished Teaching Award for non-tenure track faculty

Nebraska Actuaries Club Lifetime Achievement Award, February 5, 2013

Finalist, Student Impact Award Outstanding Advisor, to be honored April 9, Student Impact Awards Banquet

Recipient, Student Impact Award Outstanding Advisor, announced at April 9, Student Impact Awards Banquet

ACADEMIC ORGANIZATION MEMBERSHIPS

Member, Associated Colleges of Chicago Area (ACCA) 2001-2003

Calculus Competition Committee

PROFESSIONAL ORGANIZATION MEMBERSHIP

Fellow, Society of Actuaries 1976- present

Member, American Academy of Actuaries 1977-2002; 2004-present

Member, Wisconsin Actuaries Club 1973-1977

Member, Nebraska Actuaries Club 1977-1986; 2003-present

Member, Chicago Actuarial Association 1986-2003

Member, Investment Analysts Society of Chicago 1994-2003

Member, CFA Institute (formerly AIMR) 1994-present

Member, National Academy of Social Insurance 1998-present

PROFESSIONAL ORGANIZATION POSITIONS

Society of Actuaries Futurism Section Council Member 1983-1986

Nebraska Actuaries Club Secretary/Treasurer 1984-1985

Nebraska Actuaries Club President 1985-1986

Chicago Actuarial Association, Vice President of Education 1990-1994

Chairperson, Society of Actuaries Asset/Liability Management
Specialty Guide Task Force 5/2002-10/2003

Facilitator, Society of Actuaries Accreditation Implementation
Task Force 1/2005-11/2005

Society of Actuaries Social Insurance and Public Finance Section
Council Member 2009-2011

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PROFESSIONAL EMPLOYMENT/CONSULTING EXPERIENCE/BOARD SERVICE

Professional Employment

Society of Actuaries (SOA), Schaumburg, Illinois

1986-2000

Director of Modeling Education and Academic Relations, 1998-2000

Director of Research, 1995-1998

Managing Director of Research, 1994-1995

Research Actuary, 1989-1994

Education Actuary, 1986-1989

Aid Association for Lutherans, Appleton, Wisconsin

1972-1977

Assistant Actuary - Term Products

Actuarial Student, Actuarial Assistant

Independent Consulting

Pro-bono consultant to Nebraska Game and Parks Commission for calculation of lifetime fees for various stamps, June 2010-September 2010

Nebraska Board of Educational Lands and Funds, comparing the Permanent School Fund and the School Land with respect to appreciation and investment return, May 2010

Independent verification of data processing results for Hewitt Associates, June 2008

Pro-bono consultant to the new director of the Penn State University Actuarial Science Program regarding Actuarial Science curriculum enhancements, September 2008

Review team for *Mathematics of Investment and Credit*, 4th Edition; Broverman; Actex Publications, Summer 2008.

Estimation of lost life expectancy for an individual treated and released from hospital emergency room for Mr. Mohummed Sadden, attorney, May-June 2007; November 2008-January 2009.

Peer review of Dr. Julia N. Soulakova's report "Statistical Analysis: Comparing Salmonella Rates for the Henningsen Foods Plant in David City, Nebraska with the United States and Nebraska Salmonella Rates" for Mr. Richard R. Endacott, attorney, May-June 2007

Pro-bono consultant to University of Alabama for Actuarial Science curriculum development, fall 2006-present

Pro-bono consultant to Nebraska Game and Parks Commission for actuarial calculation of expected number of lifetime permit holders alive as of 12/31/05, for Nebraska Game and Parks Commission, April-June 2006.

Accuracy checker for *Mathematical Interest Theory*, Daniel and Vaaler; Prentice Hall; December 2005-January 2006.

Review team for *Mathematics of Investment and Credit*, 3rd Edition; Broverman; Actex Publications, Summer 2004.

Pro-bono consultant to Madison County District Attorney, July 2004.

Pro-bono consultant to Nebraska Game and Parks Commission, January 2004-March 2005

Analysis of difference in complete expectation of life between those who have a benign polyp immediately removed and those who do not and are subsequently determined to have the regional state of colon cancer, for Mr. Richard Greenwood, attorney; February 1997.

Analysis of impact of diabetes on life expectancy, for Mr. Daryle Salisbury, Esq., attorney; October 1991.

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Independent Consulting (continued)

Analysis of impact of splenectomy on life expectancy, for Mr. Daryle Salisbury, Esq., attorney; April 1989.

Analysis of difference in complete expectation of life between those impaired by mild coronary disease and those who have experienced an acute myocardial infarction for Mr. Richard Greenwood, attorney; September 1988.

Analysis of interest assumption in estate tax calculation for Mr. Jay Bartel, Assistant Attorney General, State of Nebraska; June 1986.

Determination of economic loss for Mr. Jay Welch, attorney; November 1985.

Determination of value of farm land lease for Mr. Brian Bennett, attorney; December 1984.

Determination of pension values for Mr. James Watson, attorney; 1983

Analysis of funding options for guardianship program of Association for Retarded Citizens; 1982.

Analysis of health insurance programs for Dr. Garland Bare; May 1980.

Board Service

Elected Secretary/Treasurer, Board of the Actuarial Foundation, two-year term beginning January 1, 2013

Re-Elected member, Board of the Actuarial Foundation, three-year term beginning January 1, 2013

Elected member, Board of the Actuarial Foundation, three-year term beginning January 1, 2010

Invited Member, External Advisory Board, Columbia University's Actuarial Science Masters Degree Program, April 2006-present

Elected Vice-President, Society of Actuaries Board of Governors, October 2004-2006

Elected Member, Evangelical Lutheran Church in America Board of Pensions, Board of Trustees, August 2003-August 2009; Treasurer and Member, Executive Committee of the Board of Trustees, August 2007-August 2009.

Ex-Officio member of Nebraska Actuaries Club Board, June 2004 - present

Elected Member, Society of Actuaries Board of Governors, October 2001-2004.

PUBLICATIONS-REFEREED

Public Policy Monograph "On Risk Classification", American Academy of Actuaries Risk Classification Work Group (November 2011)

Summary of Results of Survey of Seminar Attendees, with Marjorie Rosenberg, North American Actuarial Journal (issue devoted to SOA Seminar "Impact of Mortality Improvement on Social Security: Canada, Mexico, and the United States"), Volume 2, Number 4 (October 1998), 64-82.

Principles Regarding Provisions for Life Risks, with Society of Actuaries Committee on Actuarial Principles, Transactions Society of Actuaries, Volume XLVII (1995), 775-793.

Chapter 19, Society of Actuaries Study of Credit Risk Event Loss Experience: Private Bonds and Commercial Mortgages, The Strategic Dynamics of the Insurance Industry: Asset/Liability Management Issues (Salomon Center, New York University, 1996, Irwin Professional Publishing), 317-345.

Principles of Actuarial Science, with Society of Actuaries Committee on Actuarial Principles, Transactions Society of Actuaries, Volume XXXIV (1993), 565-591.

An Application of Optimization to Life Insurance Planning, with Professors Walter Lowrie, Jerald Dauer, and Mohamed Osman, Proceedings of the Conference of Actuaries in Public Practice, Volume XXXVI (1986-1987), 770-795.

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PUBLICATIONS-REFEREED (continued)

Individual vs. Aggregate Approach to Funding Benefits – An Illustration, Transactions Society of Actuaries, Volume XXXVIII (1986), 145-162.

Expectancy Discrepancy, with Professor Walter Lowrie and Murray Projector, Proceedings of the Conference of Actuaries in Public Practice, Volume XXXIII (1983-1984), 577-604.

OASDI Earnings Test, Transactions Society of Actuaries, Volume XXXIV (1982), 79-91.

PUBLICATIONS-OTHER

”Society of Actuaries Asset-Liability Management Professional Actuarial Specialty Guide,” with Society of Actuaries Asset-Liability Management Professional Actuarial Specialty Guide Task Force, published at SOA website <http://www.soa.org/library/pasg/SPG0308ALM.pdf>, 2003.

”New’ Approach to Contingencies - A Summary,” Society of Actuaries Continuing Education Committee Syllabus Synopsis Series, Volume 1, Number 1, September 1988, 1-6.

Written discussion of "Mortality Risks in Life Annuities," by Robert T. McCrory, Transactions Society of Actuaries, Volume XXXVI, 1984, 339-342.

“Annuity Certain Symbols for Fractional Periods,” ARCH, 1983, Volume 1, 39-46.

“A Note on Net Fractional Premiums,” ARCH, 1982, Volume 2, 61-82.

“Attitudes Toward Social Security,” NASIS, 1982, Volume 2, 1-7.

Written discussion of "A New Approach to the Theory of Interest," by S. David Promislov, Transactions Society of Actuaries, Volume XXXII, 1980, 104-108.

Defining the Yield Rate, ARCH 1980, Volume 1, 11-15.

SEMINAR/CONFERENCE PAPERS/PRESENTATIONS

Society of Actuaries Course 7, Applied Modeling Seminars

(4 days each) Toronto, June 2001; Chicago, June 2002; Chicago, December 2002; Seattle, July 2003; Chicago, June 2005.

(3.5 days each) Atlanta, February 2000; Los Angeles, May 2000; Seattle, July 2000; Montreal, September 2000; Chicago, October 2000; Chicago, December 2000;

International Seminars

Society of Actuaries, Casualty Actuarial Society Course 1, Calculus and Probability in a Risk Management Context, Economic Council, Buenos Aires, Argentina, September 12-14, 2002, in conjunction with the Pan American Actuarial Congress.

Society of Actuaries, Casualty Actuarial Society Course 1, Calculus and Probability in a Risk Management Context, ITAM University, Mexico City, Mexico, October 12-14, 2001.

Society of Actuaries, Casualty Actuarial Society Course 1, Calculus and Probability in a Risk Management Context, University of the Americas, Puebla, Mexico, October 22-24, 2000, in conjunction with the annual Mexican Actuarial Student Conference.

Theory of Interest, as part of cooperative program between the Society of Actuaries and Nankai University, Tianjin, People's Republic of China; February 17 - March 6, 1992.

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Webcasts

“What Every Actuary Can Learn About Public Pension Plans”, moderator; Society of Actuaries, October 14, 2010

Conference Papers/Presentations

“Ethics and Professionalism in Actuarial Science”, Nebraska Actuaries Club, September 25, 2012

“Being or Becoming a Society of Actuaries Center of Actuarial Excellence: Challenges and Opportunities”, moderator and panelist, 47th Annual Actuarial Research Conference, University of Manitoba, August 4, 2012

“Actuarial Science at UNL”, Nebraska Actuaries Club, January 25, 2012

“Actuarial Science at the University of Nebraska - Lincoln: Continuing the Excellence”, Nebraska Insurance Federation Annual Meeting, November 15, 2011

“Actuarial Science at the University of Nebraska - Lincoln: Continuing the Excellence”, Society of Actuaries Annual Meeting, Chicago October 17, 2011

“The Work of the Actuarial Foundation”, Kansas City Actuaries Club, Kansas City, June 24, 2011

“The Work of the Actuarial Foundation”, Nebraska Actuaries Club, Lincoln, February 21, 2011

“An Actuary: What’s That? Why Do We Care?”; Luther College; October 3, 2008

“Actuarial Science”; St. Charles (IL.) East High School; May 19, 2008

“Actuarial Education”, Alabama Insurance Planning Commission; Spring Meeting; April 4, 2008

“Education Redesign”, Nebraska Actuaries Club; Lincoln; February 2006

Presentation as part of panel on “Current Issues in Actuarial Science Education”, Annual Joint Mathematics Meetings; San Antonio; January 2006

“Actuarial Science”; Lincoln Southwest High School; May 24, 2005

“The work of the SOA Accreditation Implementation Task Force: *A Status Report and Opportunity for Feedback*,” 40th Actuarial Research Conference; ITAM, Mexico City; August 2005

“2005 Education System Redesign,” Nebraska Actuaries Club; Omaha; September 2004.

“2005 Education System Redesign,” Society of Actuaries; San Antonio; June 2004.

“Society of Actuaries Asset Liability Management Professional Actuarial Specialty Guide,” UNL Finance Department; February 2004.

“Articulating the Principles Underlying a Scientific Profession: A Case Study - The Actuarial Profession,” Illinois Section of Mathematical Association of America, McKendree College; April 2002.

“Articulating the Principles Underlying a Scientific Profession: A Case Study – The Actuarial Profession,” Benedictine University, faculty professional development presentation; November 2001.

“The Partnership Between the Actuarial and Academic Professions: What Do You Think?” Society of Actuaries; San Diego; June 2000.

“The Work of the Joint CAS, CIA, SOA Task Force on Academic Relations,” Chicago Actuarial Association, workshop session; March 2000.

“Professionalism – What Do You Think?” Nebraska Actuaries Club; Lincoln, NE; February 2000.

“The New SOA Course 7 Seminar in Applied Modeling,” Metropolitan Life Insurance Company Actuarial Conference; New York; October 1999.

“The New SOA Course 7 Seminar in Applied Modeling”, 34th Annual Actuarial Research Conference; Des Moines; August 1999.

“The New SOA Course 7 Seminar in Applied Modeling,” Society of Actuaries; Seattle; June 1999.

“The New SOA Course 7 Seminar in Applied Modeling,” Society of Actuaries; Atlanta; May 1999.

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Conference Papers/Presentations (continued)

“Common Core Case Studies from the New SOA Course 7 Seminar in Applied Modeling,” Society of Actuaries Modeling Conference; Orlando; December 1998.

“The Actuarial Profession and the Academic Community – Feedback from the SOA’s Research Effectiveness Review,” 33rd Annual Actuarial Research Conference; Atlanta; August 1998.

. “Impact of Mortality Improvement on Social Security: Canada, Mexico, United States, (moderator for session on methodology in Britain, Canada, Mexico, United States),” Society of Actuaries Seminar; Washington, D.C.; October 1997

The Work of the Society of Actuaries Task Force on Research Effectiveness,” Society of Actuaries; Washington, D.C.; October 1997.

“The Work of the Society of Actuaries Task Force on Research Effectiveness,” 32nd Annual Actuarial Research Conference; Calgary, Alberta, Canada; August 1997.

“Use of Derivatives by the Insurance Industry,” panel moderator, Society of Actuaries; Orlando; October 1996.

“Society of Actuaries Research: Why? How? What?” San Francisco Actuaries Club; San Francisco; October 1996.

“Society of Actuaries Research Management Process and Highlights of Research Activity,” 31st Annual Actuarial Research Conference; Muncie, IN; August 1996.

“Society of Actuaries Research Management Process and Highlights of Research Activity,” Chicago Actuarial Association; Chicago; March 1996.

“Society of Actuaries Study of Credit Risk Event Loss Experience: Private Bonds and Commercial Mortgages,” the Strategic Dynamics of the Insurance Industry: Asset/Liability Management Issues conference, Salomon Center, New York University; New York; May 1995.

“Society of Actuaries Research on Asset Credit Risk,” meeting sponsored by Chalke, Inc.; Denver; March 1995.

“Society of Actuaries Research Activities,” 29th Annual Actuarial Research Conference; Corvallis, OR; August 1994.

“Society of Actuaries Research Activities Related to Analysis of Dynamic Financial Condition Analysis,” individual presentation as member of panel, Society of Actuaries; San Antonio; June 1994.

“Asset Credit Risk Event Loss Experience, 1986-1989, Additional Private Placement Results,” individual presentation as member of panel, Society of Actuaries; New York; October 1993.

“Asset Credit Risk Event Loss Experience, 1986-1989,” presentation with Mark Doherty, SOA Director of Research, 28th Annual Actuarial Research Conference; Madison, WI; August 1993.

“Asset Credit Risk Event Loss Experience, 1986-1989,” seminar; faculty member, Society of Actuaries; Boston; May 1993; Quebec City, Quebec Canada; June 1993.

“Asset Credit Risk Event Loss Experience, 1986-1989,” Wisconsin Actuaries Club; Appleton, WI; May 1993.

“Asset Credit Risk Event Loss Experience, 1986-1989,” workshop; co-chairperson, Society of Actuaries; Washington, D.C.; October 1992.

“Single Premium Deferred Annuity Persistency Study,” panel moderator, Society of Actuaries; Washington, D.C.; October 1992.

“Asset Credit Risk Event Loss Experience, 1986-1989,” individual presentation; American Risk and Insurance Association; Washington, D.C.; August 1992.

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Conference Papers/Presentations (continued)

“Application of Statistics in Life Actuarial Science - An Overview; Probabilistic Approach to Actuarial Mathematics,” two parts; Third InterAmerican Applied Statistics Seminar; Mexico City; September 1991.

“Future of the Actuary,” panel; SOA Research Activities; Nebraska Actuaries Club; Lincoln; November 1989.

“New Approach to Contingencies,” Chicago Actuarial Association; Chicago; March 1989.

“New Approach to Contingencies,” Society of Actuaries; Boston; October 1988.

“Status of Development and Implementation of FES and FEM,” University of Nebraska-Lincoln Student Actuarial Club; Lincoln; March 1988.

“Actuarial Careers,” panel member, Chicago Actuarial Association; Chicago; December 1987.

“Actuarial Career/Profession and Status of Society of Actuaries Education and Examination System,” University of Illinois Actuarial Students; Champaign; October 1987.

“Future Education Methods,” panel member, Society of Actuaries; New York; May 1987.

“Future Education Methods,” panel member, Society of Actuaries; Colorado Springs; April 1987.

“Introduction to Actuarial Mathematics and Actuarial Careers,” Wheaton College Student Math Organization; Wheaton; February 1987.

“Proposed FES and FEM,” Penn State Student Actuarial Club; State College; February 1987.

“Futurism, and Proposed FES and FEM,” Nebraska Actuaries Club; Lincoln; December 1986.

“Proposed FES and FEM,” Chicago Actuarial Association; Chicago; October 1986.

“Proposed Society of Actuaries Flexible Education System (FES) and Future Education Methods (FEM) Programs,” Northwestern National Life Insurance Company actuaries; Minneapolis; August 1986.

Actuarial Mathematics contest papers workshop, co-chairperson, Society of Actuaries; New Orleans; October 1985.

“Professionalism,” Nebraska Actuaries Club; Lincoln; November 1984.

“New Approach to Actuarial Mathematics,” Kansas City, Nebraska, and St. Louis Actuaries Clubs; St. Louis; August 1984.

“New Text, Actuarial Mathematics,” Nebraska Actuaries Club; Lincoln; November 1983.

“New Text, Actuarial Mathematics,” Denver Actuarial Club; Denver; September 1983.

“1982 NASIS Results Regarding Attitudes of Nebraskans Toward Social Security,” American Risk and Insurance Association; Denver; August 1982.

“U.S. Social Security Issues,” panel member, Society of Actuaries; Colorado Springs; May 1982.

“Results of 1978 Survey on Actuarial Education at UNL,” Nebraska Actuaries Club; Lincoln; November 1980.

“Professional Conduct,” panel member, Society of Actuaries; Montreal; October 1980.

“Results of 1978 Actuarial Roles and Ethics Survey,” Nebraska Actuaries Club; Lincoln; November 1979.

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SERVICE

Department

Organize Math Awareness Month activities at Benedictine University, 2001-2003

Chief undergraduate adviser, UNL, 1979-1986; 2003-present

Chief adviser/co-adviser for UNL Actuarial Science Club, 1977-1986; 2003-present

University

College of Business Administration Dean Search Committee, December 2008-January 2010

Finance Department representative to UNL Marshall Corps, fall 2004-2011

NU System Health Care Benefits Review Committee, July-December 2005

Professional

Facilitator, SOA team to develop Enterprise Risk Management e-Learning module for FSA education, January – July, 2012

Social Security Task Force of the Interim Actuarial Standards Subcommittee of the International Actuarial Association (IAA), elected member, beginning November 2011

Appointed American Academy of Actuaries Representative to the Social Security Committee of the IAA, beginning January 1, 2011

Appointed American Academy of Actuaries Representative to the Education Committee of the International Actuarial Association, beginning January 1, 2011

Member, work group to revise SOA “Decision Making and Communication (DMAC)” Fellowship Education module; General Officer, DMAC Module; September 2009 - Present

Facilitator, SOA Fellowship Admissions Course, June 2009, June 2010, June 2011, June 2012, June 2013

Facilitator, SOA Associateship Professionalism Course, June 2011, June 2013

Member, Society of Actuaries Hickman Scholar Committee, 2009-2012

Member, Actuarial Foundation Diversity Scholarship Committee, December 2008-present

Member, American Academy of Actuaries Risk Classification Work Group, December 2005-October 2011

Member, Society of Actuaries Committee on Actuarial Principles, 1988-2010.

Member, Society of Actuaries Course 7 Policy Group, 1999-2006.

Facilitator, Society of Actuaries Accreditation Implementation Task Force, January 2005-November 2005.

Chair, Financial Mathematics actuarial exam working group, March 2004-October 2004.

Member, Society of Actuaries Actuarial Education Working Group, Preliminary Education Working Group, 2002-2004.

Member, Society of Actuaries Board Advisory Group on Intellectual Capital and Academic Partnerships, October 2002-2004.

Member, Society of Actuaries Board Advisory Group on Education and Examination, October 2002-2004.

Member, Society of Actuaries Task Force on Implementation of Practice Areas and Sections, October 2002-October 2003.

Member, Society of Actuaries Delegation to Financial-Actuarial Center of Moscow State University, March 1994.

American Academy of Actuaries Committee on Social Insurance, 1986-1989.

Society of Actuaries Program Committee, 1982-1984.

Society of Actuaries Education Committee (various capacities), 1978-1983.

Nebraska Actuaries Program Committee, 1980, 1983.

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Special Appointments

Panel of Technical Experts for the Advisory Council on Social Security,
Federal Government.

The Future of Income Security and Health Care Financing, January, 1991-November 1991.

OASDI, December 1989-July 1990.

Visitation committee to William Howard Taft High School (for evaluation and review of faculty self-evaluation as part of the process required for accreditation by the North Central Association), April 1989.